

Figure 1: Overall Configuration of SoD Service System with Direct Cabling between Host I/O Controllers and I/O Ports

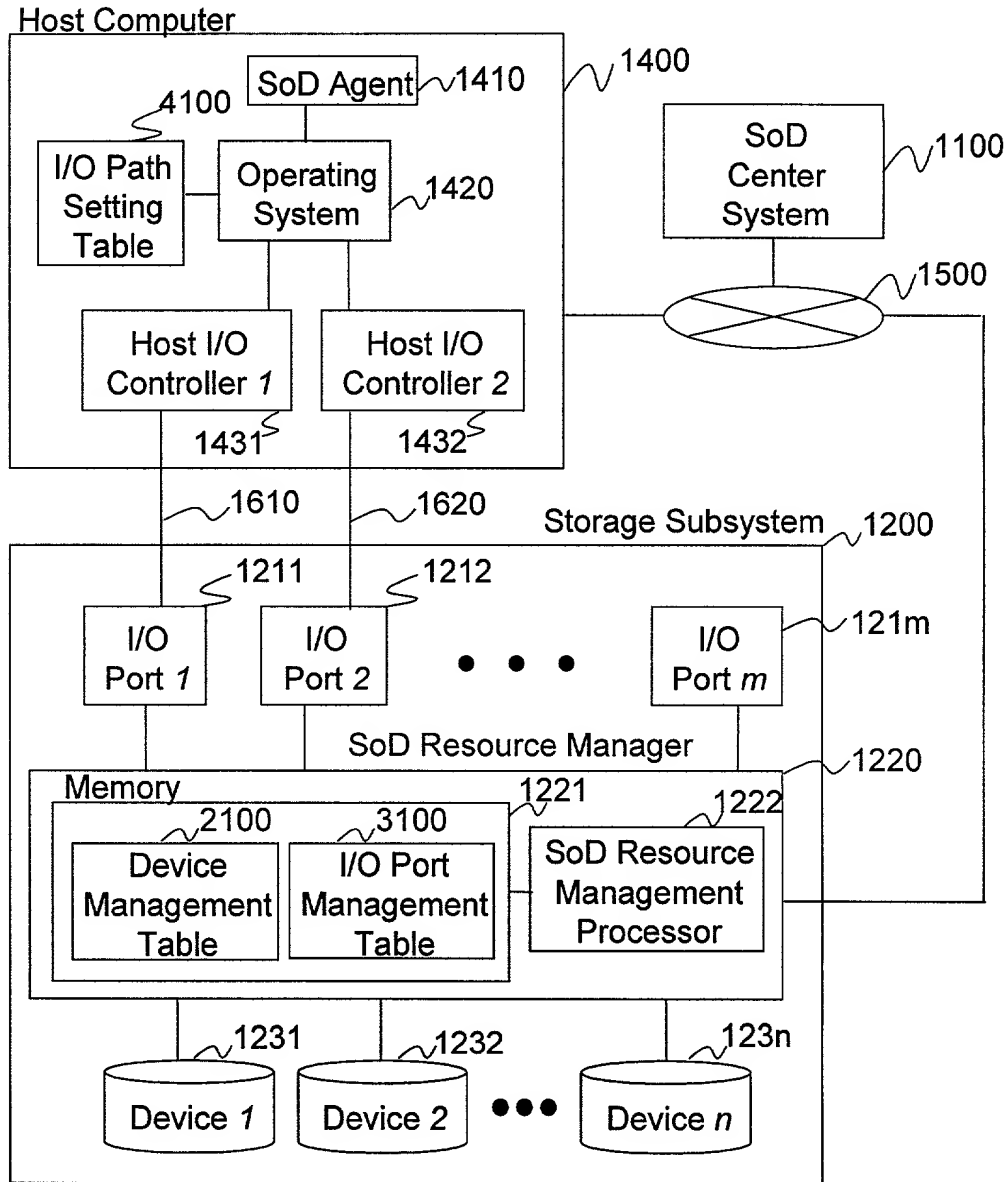


Figure 2: Device Management Table (Scenario 0)

2101 Device No.	2102 Installation Status	2103 SoD Status	2104 Size	2100
1	Installed	Usable	500 GB	
2	Installed	Usable	500 GB	
3	Installed	Un-Usable	250 GB	
4	Installed	Un-Usable	250 GB	
5	Un-Installed	N/A	N/A	
⋮				
n	Un-Installed	N/A	N/A	

Figure 3: I/O Port Management Table (Scenario 0)

3101 I/O Port No.	3102 Installation Status	3103 SoD Status	3104 Device No.	3100
1	Installed	Usable	1, 2	
2	Installed	Un-Usable	Un-Allocated	
3	Un-Installed	N/A	N/A	
⋮				
m	Un-Installed	N/A	N/A	

Figure 4: I/O Path Setting Table (Scenario 0)

I/O Path No.	Host I/O Controller No.	I/O Port No.
1	1	1
2	Un-Defined	N/A
3	Un-Defined	N/A

Figure 5: Processing Flow of SoD Center System

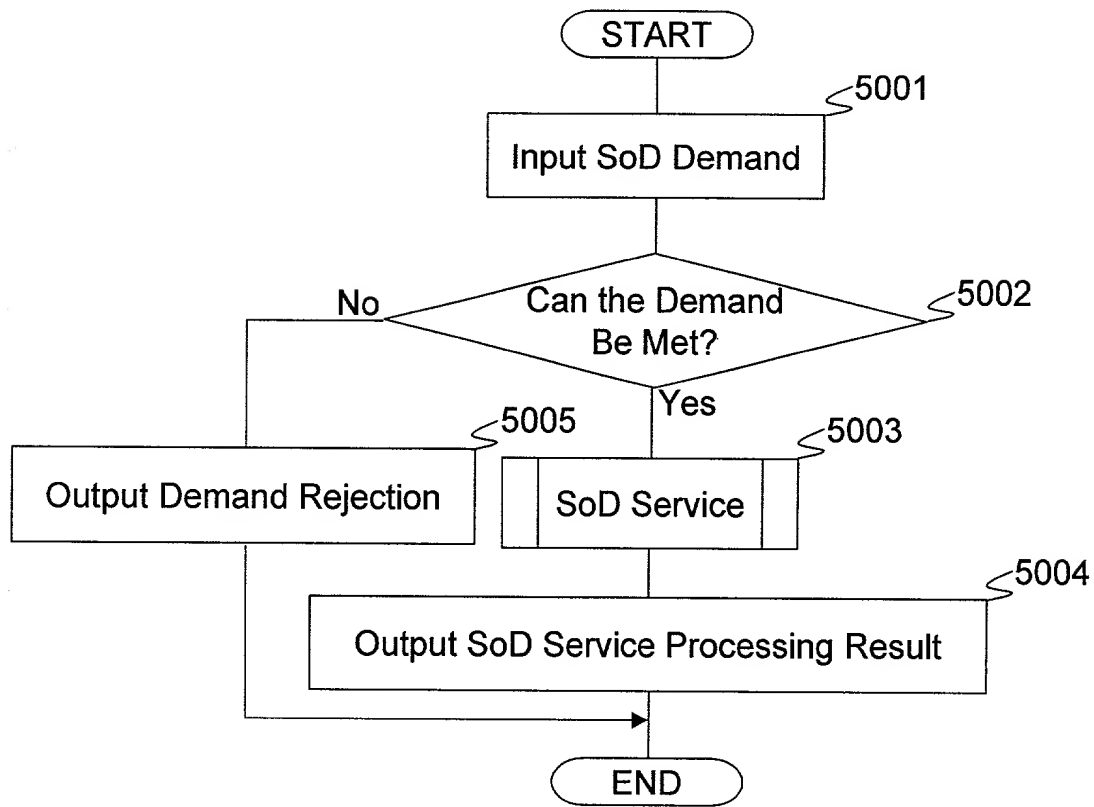


Figure 6: Processing Flow of SoD Service Module

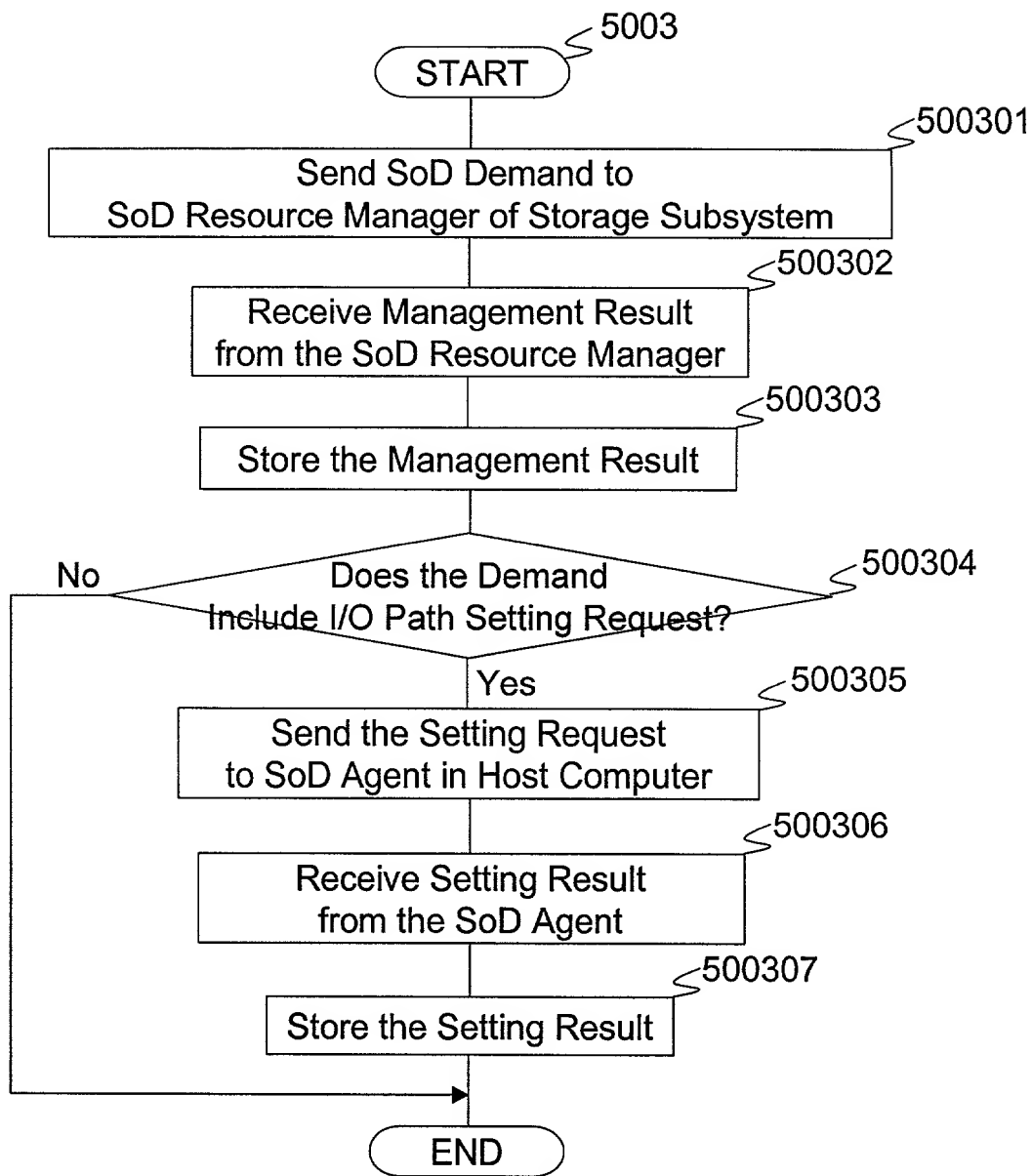


Figure 7: Processing Flow of SoD Resource Manager
(Updating Resource Management Tables)

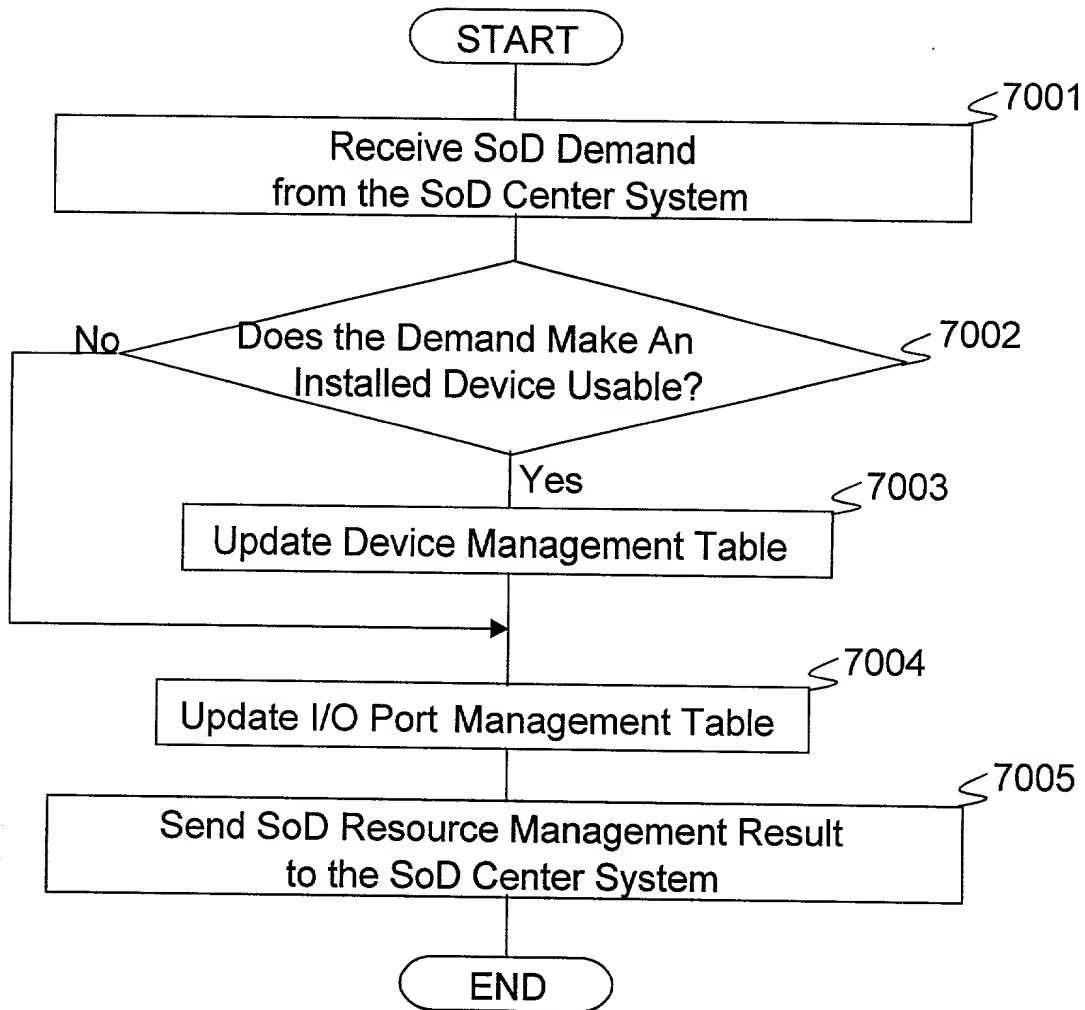


Figure 8: Processing Flow of SoD Resource Manager
(Using Management Tables to Manage Resources)

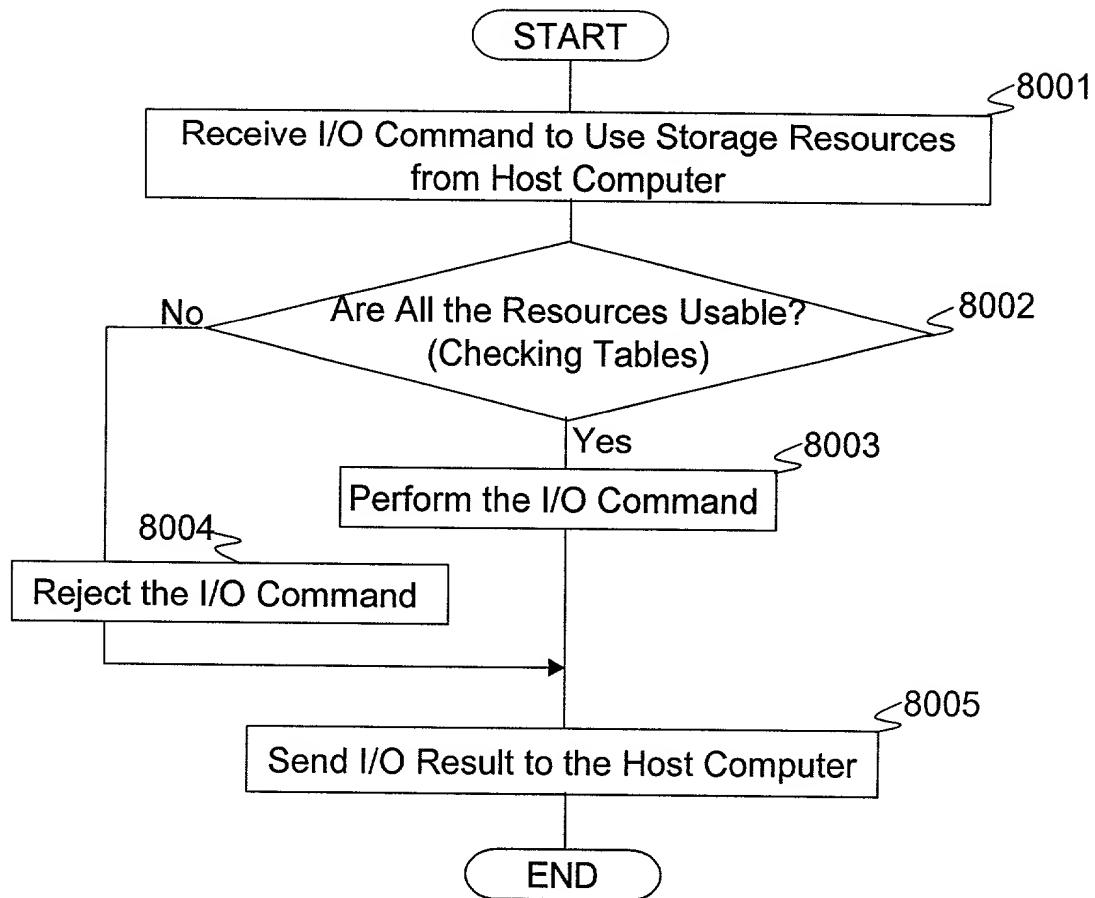


Figure 9: Processing Flow of SoD Agent

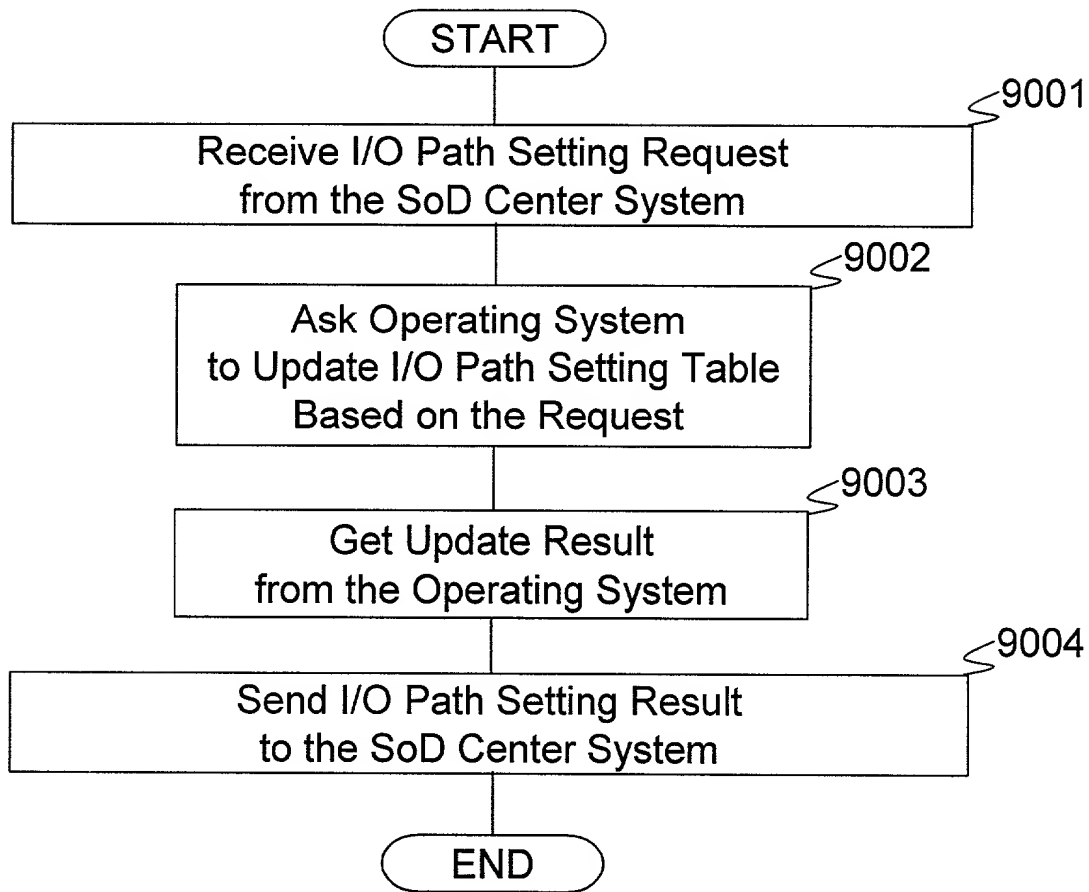


Figure 10: GUI of SoD Demand Input
(Scenario 0 → Scenario 1)

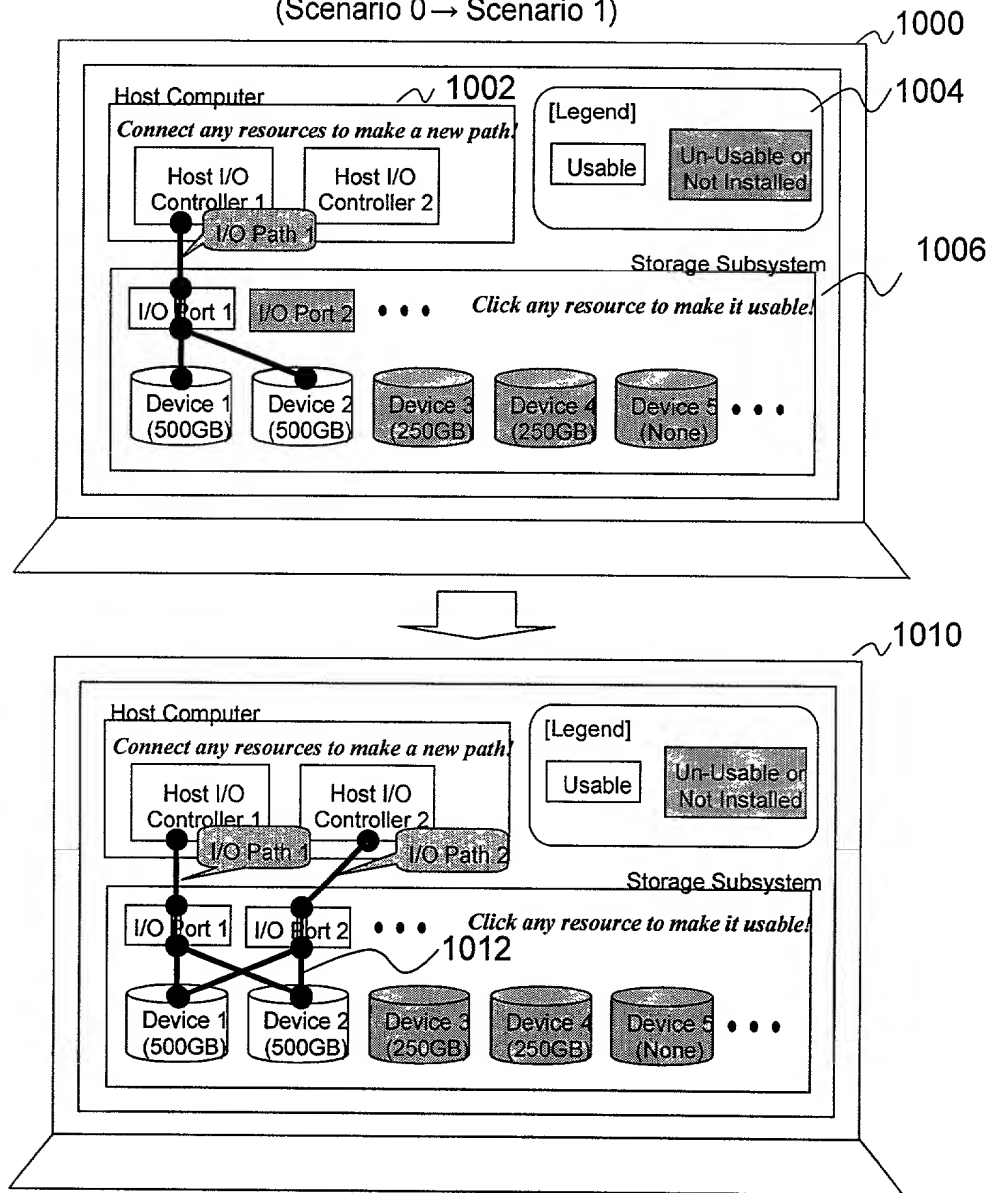


Figure 11: I/O Port Management Table
(Scenario 0 → Scenario 1)

I/O Port No.	Installation Status	SoD Status	Device No.
1	Installed	Usable	1, 2
2	Installed	Usable	1, 2
3	Un-Installed	N/A	N/A
⋮			
m	Un-Installed	N/A	N/A

Figure 12: I/O Path Setting Table
(Scenario 0 → Scenario 1)

I/O Path No.	Host I/O Controller No.	I/O Port No.
1	1	1
2	2	2
3	Un-Defined	N/A
⋮		

Figure 13: GUI of SoD Demand Input
(Scenario 0 → Scenario 2)

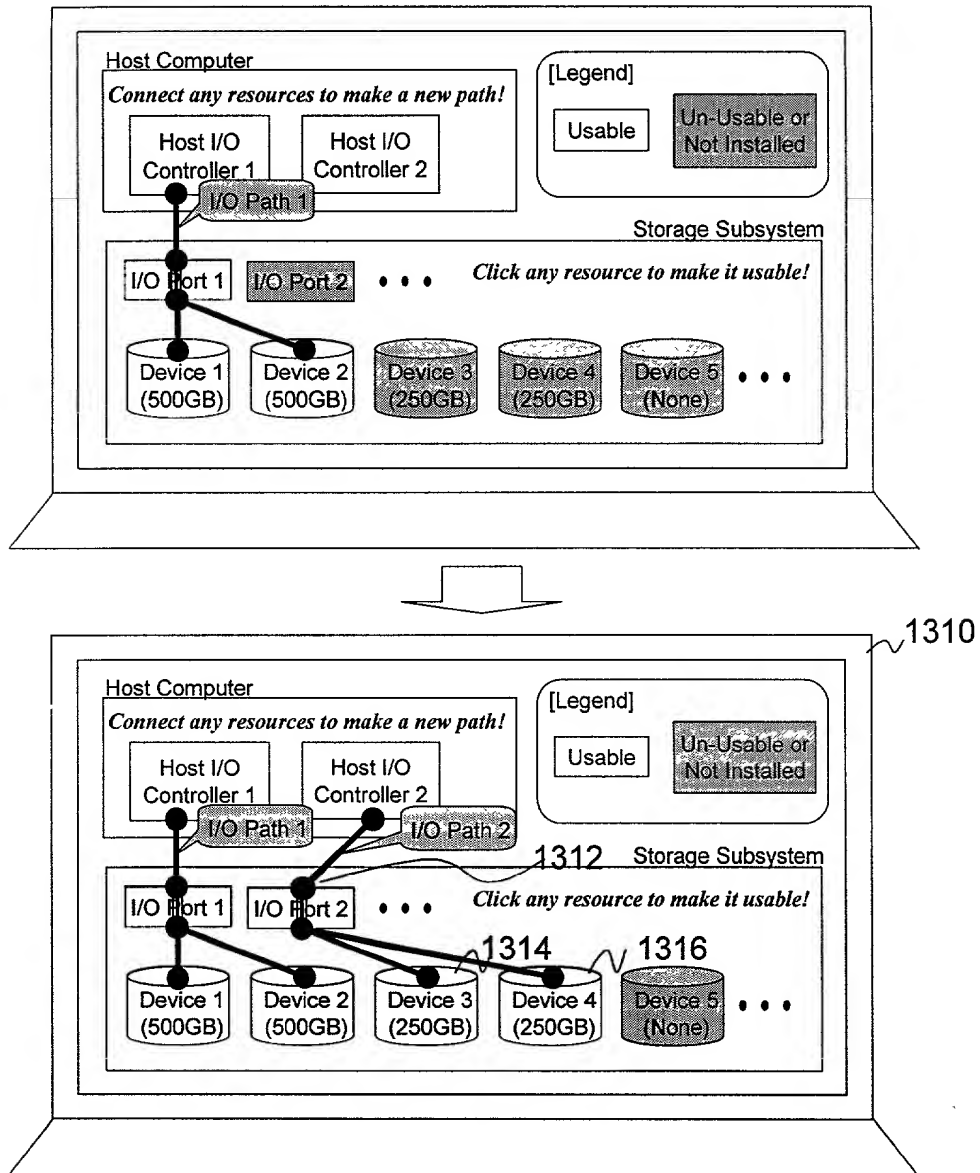


Figure 14: Device Management Table
(Scenario 0 → Scenario 2)

2101 Device No.	2102 Installation Status	2103 SoD Status	2104 Size	2100
1	Installed	Usable	500 GB	
2	Installed	Usable	500 GB	
3	Installed	Usable	250 GB	
4	Installed	Usable	250 GB	
5	Un-Installed	N/A	N/A	
⋮				
n	Un-Installed	N/A	N/A	

Figure 15: I/O Port Management Table
(Scenario 0 → Scenario 2)

3101 I/O Port No.	3102 Installation Status	3103 SoD Status	3104 Device No.	3100
1	Installed	Usable	1, 2	
2	Installed	Usable	3, 4	
3	Un-Installed	N/A	N/A	
⋮				
m	Un-Installed	N/A	N/A	

Figure 16: I/O Path Setting Table
(Scenario 0 → Scenario 2)

4101 I/O Path No.	4102 Host I/O Controller No.	4103 I/O Port No.	4100
1	1	1	
2	2	2	
3	Un-Defined	N/A	
	⋮		

Figure 17: Overall Configuration of SoD Service System with FC Switch between Host Computers and Storage Subsystems

